

65
continued

19. (Amended) The assembly of claim 14, wherein the extending surface is positioned at an angle relative to the drum axis that is approximately 45°.

REMARKS

No interview,
merely
informed
applicant
about Office
procedures.
2/12/01
GJS

Applicant thanks the Examiner for the remarks and the analysis contained in Paper No. 8. Applicant is especially grateful for the courtesies extended by the Examiner to Applicant's representative during the telephone interview on January 31. Claims 5-7, 10, 11, 14 and 17 through 19 are amended. A "clean" version of the amended claims is presented above. A marked up version of the amended claims is attached at the end of this response.

Claims 5-19 are still pending in this application. Applicant respectfully requests reconsideration of this application.

Applicant notes that apparently the Patent Office file does not contain the priority document that was submitted. As proof of such submission, Applicant includes a copy of the postcard indicating receipt of the priority document by the Patent Office on May 8, 2000. A copy of the cover sheet of the priority document is also enclosed. Additionally, the certificate of mailing indicates that the priority document was submitted. Applicant respectfully submits that the requirements for perfecting the claim for priority have been satisfied by the submission mailed on May 2, 2000.

The Examiner objected to the drawings based upon an interpretation of the illustrated cable ends in Figure 1 compared to other Figures in the application. As discussed during the interview, Applicant respectfully submits that the drawings are correct. Figure 1 shows portions of the cable near the ends above the support plate.

Figure 3 only shows one end of the cable for clarity and simplicity. In that illustration the terminal portion of one end of the cable is below the plate because that is the final position for the very end of the cable after it is received through the opening. The remainder of the cable, which forms a loop as shown in Figure 1, is above the plate. The illustrations are correct and the cable ends preferably are in the positions shown in the example embodiment of the invention.

The amendments to the claims are intended to clarify the claim language to remove any "functional" language and replace that with language that recites structural limitations. Applicant respectfully submits that the amendments are acceptable at this stage of the prosecution because they merely express limitations that were already present in a slightly different form. Applicant respectfully requests that the above amendments be entered.

The amended claims are respectfully submitted to allowable over the cited references relied upon to make the rejections under 35 U.S.C. §§102 and 103. None of the references show or suggest an opening with an angled surface or angled portion as claimed.

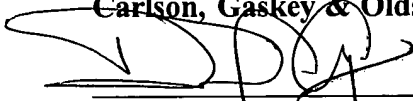
Regarding the provisional double patenting rejection, Applicant respectfully requests the examiner withdraw that rejection in this application and Applicant will address that issue in the copending application that is the subject of the provisional rejection.

Applicant respectfully submits that this case is in condition for allowance. If the Examiner believes that a teleconference will facilitate moving this case forward to being issued, Applicant's representative can be contacted at the number indicated below.

Applicant hereby petitions for a two month extension of time and a check in the amount of 390.00 is enclosed to pay for that extension.

Respectfully submitted,

Carlson, Gaskey & Olds, P.C.

A handwritten signature in black ink, appearing to read 'D. Gaskey', is written over a horizontal line.

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(248) 988-8360

Date: February 1, 2001
Docket No. 60,130-464

Amended Claims - Marked Version

5. (TWICE AMENDED) A vehicle window-raising device comprising:
a support plate having a surface;
a winding drum having an axis of rotation and a flange to support a cable; [and]
a brake box to rotatably support said drum adjacent said support plate at least partially on a first side of said surface[, said brake box forming]; and
a passage around at least a portion of an outer surface on said drum [to permit an introduction of said cable] and an opening near said passage that includes at least one portion extending at an angle relative to said axis of rotation [such that an end of said cable is inserted] toward a second side of said surface opposite said first side.

6. (TWICE AMENDED) The window-raising device according to claim 5, wherein said opening extends through a portion of said flange [defines an opening] to receive said cable end.

7. (TWICE AMENDED) The window-raising device according to claim 6, wherein said extending portion of said opening includes a ramp angled relative to said axis of rotation of said drum and including adjacent walls near said ramp that are substantially parallel to said axis.

10. (TWICE AMENDED) A vehicle window-raising device comprising:
a winding drum having a plurality of grooves for supporting a cable, said drum having a radially outwardly extending flange defining an opening;
a hood to support said drum adjacent a support plate such that said drum rotates about an axis; and
a brake box having a crank to drive said drum, said hood forming a passage contiguous with said support plate, [that permits an introduction of said cable through] said opening including at least one surface extending away from said hood that is positioned at an angle relative to said axis, said flange having a radially extending width substantially equal to a radial dimension of said passage, said flange providing support for said cable.

11. (TWICE AMENDED) The window-raising device according to claim 10, wherein said opening [includes] extending surface comprises a ramp angled relative to said axis of rotation of said drum and including walls substantially parallel to said axis positioned adjacent said ramp.

14. (TWICE AMENDED) A vehicle window assembly comprising:
a guide rail having a slider attachable to a window;
a return mechanism mounted near an end of said guide rail;
a cable attached to said slider and guided by said return mechanism to move said slider along said guide rail;
a winding drum for said cable, said drum having a radially extending flange [defining] and an angled opening through said flange;
a hood to support said drum adjacent a support plate such that said drum is rotatable about an axis; and
a brake box having a crank to drive said drum, said hood forming a passage contiguous with said support plate, [that permits an introduction of said cable through] said flange opening having at least one surface extending away from said passage that is positioned at an angle relative to said axis, said flange having a radial width substantially equal to a radial dimension of said passage, said flange providing support for said cable.

17. (Amended) The device of claim 10, wherein the extending surface is positioned at an angle [of introduction] relative to the drum axis that is less than 90°.

18. (Amended) The assembly of claim 14, wherein the extending surface is positioned at an angle [of introduction] relative to the drum axis that is less than 90°.

19. (Amended) The assembly of claim 14, wherein the extending surface is positioned at an angle [of introduction] relative to the drum axis that is approximately 45°.

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Inventor / Applicant: Chu

Mark: _____

Date 5-2-00

Attorney: DSB

File No.: 60,130,464

— PATENTS / TRADEMARKS —

☐ New Patent Application:

☐ CON ☐ CIP ☐ DIV ☐ FWC ☐ Provisional ☐ PCT

_____ Page(s) Specification

_____ Page(s) Claims

_____ Page(s) Abstract

_____ Sheets of Drawings (formal/informal)

☐ Small Entity Declaration

☐ Executed Declaration & Power of Attorney

☐ PCT Request _____ Pages

☐ Fee Calculation Sheet

☐ Certificate of Express Mail

☐ Information Disclosure Statement

☐ Assignment

☐ Recordation Cover Sheet

☒ Response/Amendment

☐ Extension of Time

☐ Statement of Use

☐ Section 8 Affidavit

☒ Priority Document

☐ Issue Fee Transmittal

Other: Proposed Drawing Corrections in Red

☐ New Trademark Application:

☐ Use ☐ Intent to Use

_____ Drawing _____ Specimens

☐ Transmittal Cover Sheet

☐ Missing Parts

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☐ Patent Copies

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☐ Notice of Appeal

☐ Response to Invitation

☐ Appeal Brief

☐ Certificate of Mailing

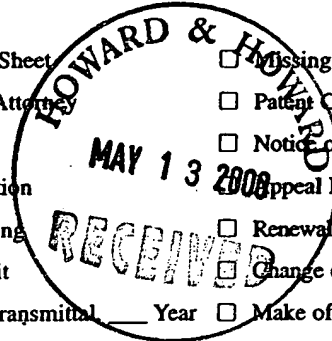
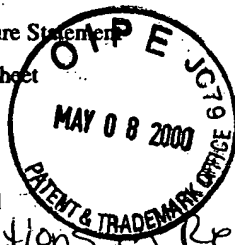
☐ Renewal Application

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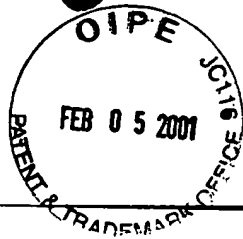
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BREVET D'INVENTION

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Le Directeur général de l'Institut national de la propriété industrielle certifie que le document ci-annexé est la copie certifiée conforme d'une demande de titre de propriété industrielle déposée à l'Institut.

Fait à Paris, le 04 JUIN 1999

Pour le Directeur général de l'Institut
national de la propriété industrielle
Le Chef du Département des brevets

Martine PLANCHE